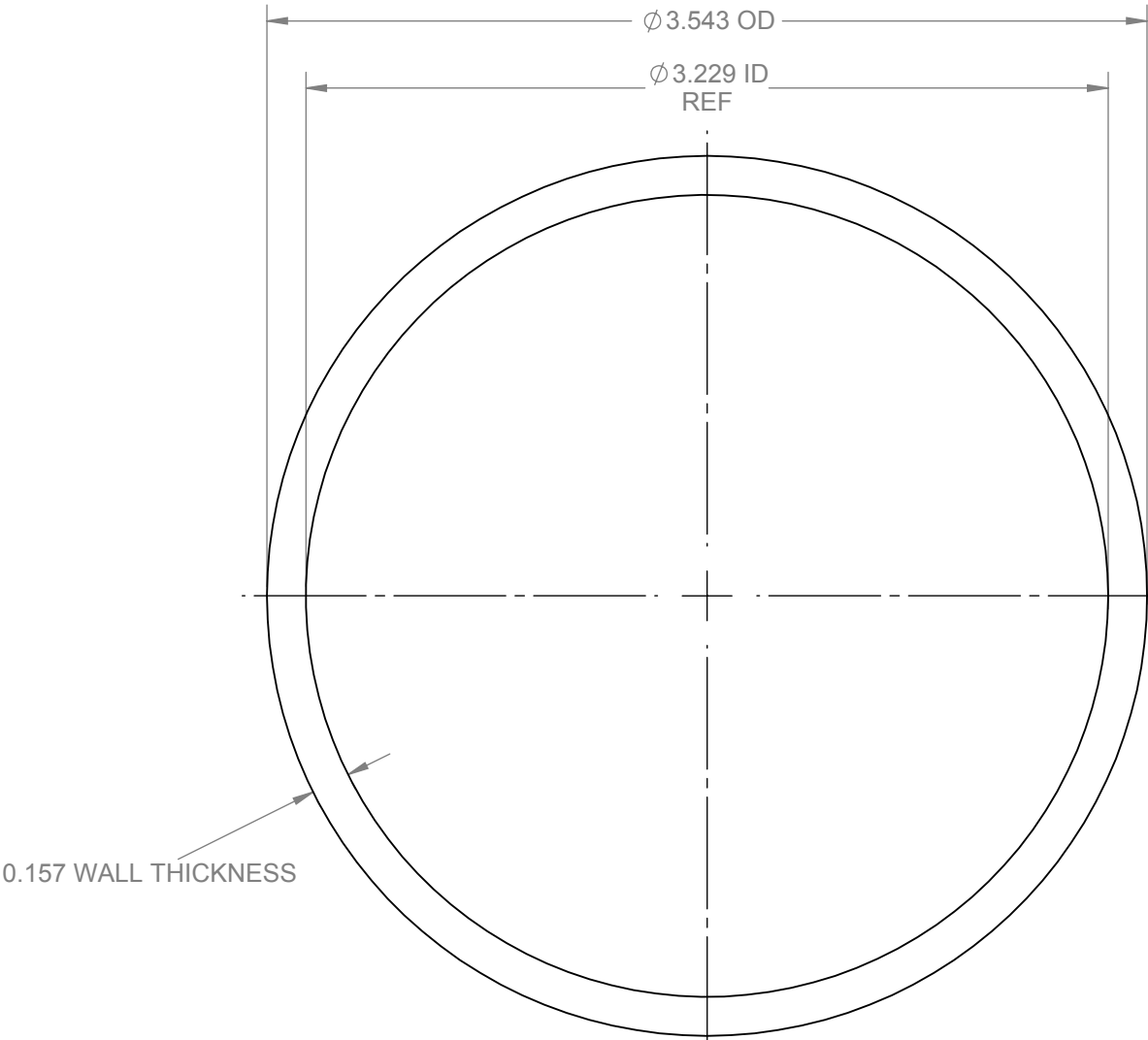


SPECIFICATION CONTROL DRAWING



D6029-XXX TUBE, SEAMLESS

WHERE XXX IS LENGTH IN INCHES
EG. 110" LONG TUBE: D6029-110

NOTES:

- 1) MATERIAL: 3.543 OD X 0.157 WALL 7075-T73/T73510/T73511 (WW-T-700/7 OR ASTM B210)
DRAWN SEAMLESS ALUMINUM TUBE.
MINIMUM ULTIMATE TENSILE STRENGTH = 66 KSI
MINIMUM YIELD TENSILE STRENGTH = 56 KSI
MINIMUM ELONGATION = 12%
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 PRIOR TO SENDING THE EXTRUSION TO AN OUTSIDE VENDOR
- 3) TOLERANCES: PER ANSI H35.2 AS FOLLOWS:
O.D.: +/- 0.008 MEAN (+/- 0.016 INCLUDING OVALITY)
WALL: +/-0.006 MEAN (+/- 0.016 INCLUDING ECCENTRICITY)
LENGTH: XXX +0.500/-0.000
STRAIGHTNESS: 0.010" DEVIATION / 12" LENGTH
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A
- 8) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE. THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.

PRELIMINARY ISSUE

A	NEW ISSUE		NO	17.12.04
REV.	DESCRIPTION		BY	DATE
DESIGN	ML	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	NO			
CHECKED	ML	DRAWING NO. D6029		REV. A4
MFG. APPR.	JFS			SHEET 1 OF 1
APPROVED	WM	TITLE TUBE, SEAMLESS		SCALE
DE APPR.	CP			NTS
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